

Data Sheet

Full HD-SDI True Day/Night IR Dome Camera

3.7mm Mega Pixel lens/ IR LED Built-in 24pcs



GENERAL FEATURES

- 1/ 2.9" Progressive Scan Sony Sensor (2.1 Mega Pixel)
- Full HD Super Supreme Resolution
- 3D DNR Function
- WDR (Wide Dynamic Range)
- Highest Resolution: Vivid Sharp Picture in Completely Darkness
- Adjustable Motion Detection Area, Privacy Mask Area
- Full OSD Control Function
- True Day & Night (ICR-IR Cut Filter Removable)
- 3 Axis Bracket for 3D (Pan / Tilt / Roll) mounting
- Split Glass Technology
- IR Corrected Lens to Prevent Defocusing
- MegaPixel Wide Aperture Lens to Capture Sharp Image at Low Light Environment
- Multi Function: DWDR, Dynamic IR, Lens Shading Compensation, High Light Mask, Motion Detection, Privacy Mask, Mirror & Others.

SPECIFICATIONS

MODEL	TW – HD237
Sensor	1/ 2.9" Sony CMOS Sensor, 2.1 Mega Pixel
Total Pixels	2010(H)*1108(V)
Effective Pixels	1944(H)*1092(V)
Scanning System	Progressive Scan
Synchronization	Internal
Resolution	HD – SDI : 1920*1080 (1080p, 30/25fps). 1280*720 (720p, 60/50fps) CVBS: 700TVL
Video Output	HD – SDI , CVBS (NTSC & PAL, without WDR)
Min. Illumination	1Lux (Color) / 0.5Lux (B/W), 0.002Lux (Sense up) 0Lux (LED ON) 30Meter Range
Backlight	BLC / WDR / Off
S/N Ratio	52dB or More (AGC Off)
White Balance	Auto / AutoExt / Preset / Manual
Electronic Shutter Speed	Auto / Manual (1/25 ~ 1/50,000sec)
O.S.D	Built – in (Multi Language)
Digital Slow Shutter	Off / *2 ~ *8
Day & Night	ICR (Auto / Day / Night)
Auto Gain Control	ON / OFF
ACE(D – WDR)	ON / OFF
3D Digital Noise Reduction	Auto / High / Middle / Low / Off
Digital Zoom	ON / OFF (*1 ~ *64)
Privacy Masking	ON / OFF (28 Zone)
Motion Detection	ON / OFF
Mirror	H / V / H&V / OFF
Sharpness	0 – 10 (Level Adjustable)
Power	DC 12V±10% (AC 24V Option)
Power Consumption	CDS ON: 250mA Max.
Lens	3.7mm Mega Pixel Lens
LED	IR LED 24EA
Protocol	Pelco – D, Pelco – P
Baud Rate	2400 ~ 57600bps
Communication	RS – 485
Operating Temperature/Humidity	-10°C ~ +50°C / RH 95% Max.
Storage Temperature/Humidity	-20°C ~ +60°C / RH 95% Max.
Dimension (mm)	112(W)*87(H)
Weight	Approx. 185g

Note: Design and Specifications are subject to change without prior notice



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